

Converting Colors

YUV(150.8470, -31.4766,
15.9202)

Have a look what the booklet for
YUV(150.8470, -31.4766, 15.9202)
contains.

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Color

**YUV(150.8470, -31.4766,
15.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	A99A57
RGB	169, 154, 87
RGB Percent	66%, 60%, 34%
CMY	0.3373, 0.3961, 0.6588
CMYK	0.00, 0.09, 0.49, 0.34
HSL	49°, 32%, 50%
HSV	49°, 49%, 66%
XYZ	29.6381, 32.2343, 13.6766
YIQ	150.8470, 30.4470, -17.6570

Conversions

Conversions Part 2

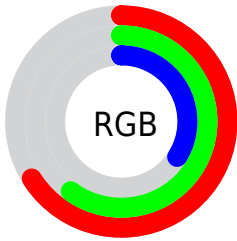
Format	Color
RYB	105, 169, 87
Decimal	11115095
CIELab	63.54, -3.77, 36.97
CIELCh	64, 37.161, 95.823
Yxy	32.2343, 0.3923, 0.4267
Android (android.graphics.Color)	4289305175 (0xFFA99A57)
YUV	150.8470, -31.4766, 15.9202
Hunter-Lab	56.7753, -6.1754, 25.4604

Details

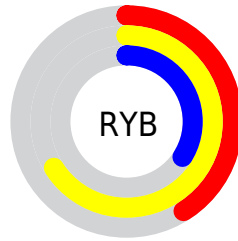
The YUV color **150.8470, -31.4766, 15.9202** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **105.1530, 31.4766, -15.9202**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4020, -33.2292, 18.0644**, and **99.2920, -29.7240, 13.7759** is the 20% darker color. If you saturate the color by 10%, you get **147.1480, -38.0340, 19.1642**, and if you desaturate by 10%, it is **154.5460, -24.9192, 12.6762**.

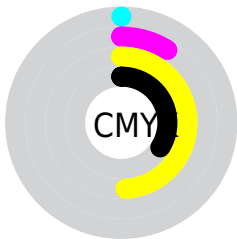
Distribution



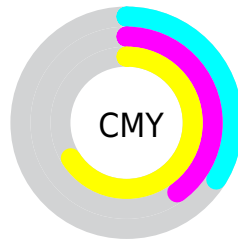
- Red (66%)
- Green (60%)
- Blue (34%)



- Red (41%)
- Yellow (66%)
- Blue (34%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (34%)



- Cyan (34%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8470, -31.4766, 15.9202 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 150.8470, -31.4766, 15.9202 by changing the saturation by 10% instead.

■ 150.8470,
-31.4766, 15.9202

■ 150.8470,
-31.4766, 15.9202

■ 255.0000, 0.0000,
0.0000

■ 124.7760,
-30.4556, 15.1054

■ 205.4020,
-33.2292, 18.0644

■ 99.2920, -29.7240,
13.7759

■ 233.5870,
-33.8134, 18.7792

■ 74.5800, -29.8659,
12.6463

■ 247.8180,
-27.5183, 6.2986

■ 52.5950, -25.9293,
10.0022

■ 251.1240,
-14.8511, 3.3993

■ 32.5050, -16.0250,
6.5731

■ 254.3160, -2.6208,
0.5999

■ 11.7950, -5.8149,
-1.5742

■ 0.0000, 0.0000,

0.0000

■ 150.8470,
-31.4766, 15.9202

■ 150.8470,
-31.4766, 15.9202

■ 147.1480,
-38.0340, 19.1642

■ 154.5460,
-24.9192, 12.6762

■ 143.4490,
-44.5914, 22.4082

■ 158.2450,
-18.3618, 9.4321

■ 139.7500,
-51.1487, 25.6522

■ 161.9440,
-11.8044, 6.1881

■ 136.0510,
-57.7061, 28.8963

■ 165.6430, -5.2470,
2.9441

■ 132.4660,
-63.8267, 32.0403

■ 169.2280, 0.8736,
-0.2000

■ 131.5370,
-64.8477, 32.8551

■ 173.5140, 7.1416,
-3.9588

■ 177.2130, 13.6990,
-7.2028

■ 180.9120, 20.2564,
-10.4468

■ 184.6110, 26.8138,
-13.6908

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



153.5600, -29.3631, 38.0969



150.8470, -31.4766, 15.9202



147.0330, -23.6803, -11.4299

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



150.8470, -31.4766, 15.9202



121.6780, 34.6687, -106.7116



158.3310, 11.6688, 37.4207

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



150.8470, -31.4766, 15.9202



105.1530, 31.4766, -15.9202

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



157.2870, 25.0015, 7.6413



150.8470, -31.4766, 15.9202



136.0870, 37.9181, -75.4983

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



150.8470, -31.4766, 15.9202



129.8650, 14.3636, -80.5656



150.3360, 33.8514, -30.9897



157.0050, -3.9465, 52.6156

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.8470, -31.4766, 15.9202



143.8330, -13.7217, -32.3025



150.3360, 33.8514, -30.9897



158.1280, 16.2059, 28.8287

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



150.8470, -31.4766, 15.9202



211.7160, -12.6780, 6.3881



113.2280, -5.5354, 48.9120



105.3720, -7.5784, 4.0588



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.8470, -31.4766, 15.9202



191.0210, -48.8174, 24.5376



151.8780, -31.9849, -7.7860



82.5010, -3.2050, 1.3146



115.2790, -56.8325, 28.6963



15.9590, -7.8678, 3.5440

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



105.1530, 31.4766, -15.9202



119.9790, 48.8174, -24.5376



104.1220, 31.9849, 7.7860



77.4990, 3.2050, -1.3146



32.7210, 56.8325, -28.6963



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 150.8470, -31.4766, 15.9202 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 150.8470, -31.4766, 15.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.8470, -31.4766, 15.9202

Background



This preview shows how black text looks on a background with the YUV color 150.8470, -31.4766, 15.9202.



This preview shows how white text looks on a background with the YUV color 150.8470, -31.4766, 15.9202.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

150.8470, -31.4766, 15.9202

Protanopia

150.8470, -31.4766, 15.9202

Deuteranopia

152.3480, -31.2306, 30.3898



Tritanopia

156.2240, 0.3826, 17.3436

Trichromacy



Original Color

150.8470, -31.4766, 15.9202

Protanomaly

150.8470, -31.4766, 15.9202

Deuteranomaly

151.9020, -31.5037, 24.6419

Tritanomaly

154.2380, -10.9633, 16.4543

Monochromacy



Original Color

150.8470, -31.4766, 15.9202

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8470, -31.4766, 15.9202 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 154, 87)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 87)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 154, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 87) }
```

Border

The CSS property to change the border of an element to YUV 150.8470, -31.4766, 15.9202 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 154, 87) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 154, 87) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 154, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 154, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 154, 87);  
box-shadow:4px 4px 4px 4px rgb(169, 154,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 150.8470, -31.4766, 15.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 87) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169,  
154, 87) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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